

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC102419AL\  
 Data File : FC044191.D  
 Signal(s) : FID1A.CH  
 Acq On : 25 Oct 2019 1:50  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: Oct 25 04:18:15 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 102219.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 22 12:36:58 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

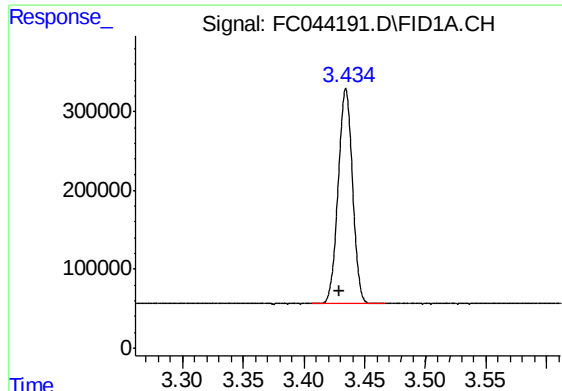
Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.715 | 2804721    | 19.242 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.48%       |
| 12) S 1-chlorooctadecane (S... | 13.150 | 2124599    | 19.001 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.00%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.435  | 2245897    | 20.388 ug/ml |
| 2) T n-Decane (C10)            | 4.512  | 2282190    | 20.547 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 6.112  | 2544503    | 20.451 ug/ml |
| 4) T n-Dodecane (C12)          | 6.540  | 2307133    | 20.514 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.172  | 2564022    | 20.333 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.340  | 2293705    | 20.274 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.944  | 2269570    | 19.863 ug/ml |
| 8) T n-Octadecane (C18)        | 11.389 | 2229304    | 19.471 ug/ml |
| 10) T n-Eicosane (C20)         | 12.702 | 2171751    | 19.042 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.315 | 2148465    | 18.731 ug/ml |
| 13) T n-Docosane (C22)         | 13.902 | 2108660    | 18.569 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.008 | 2047822    | 18.109 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.030 | 1974900    | 17.850 ug/ml |
| 16) T n-Octacosane (C28)       | 16.982 | 1925572    | 17.776 ug/ml |
| 17) T n-Tricontane (C30)       | 17.870 | 1905360    | 18.003 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.706 | 1825799    | 18.129 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.491 | 1762239    | 18.794 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.232 | 1756954    | 20.239 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.007 | 1663171    | 20.625 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.976 | 1880807    | 22.251 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

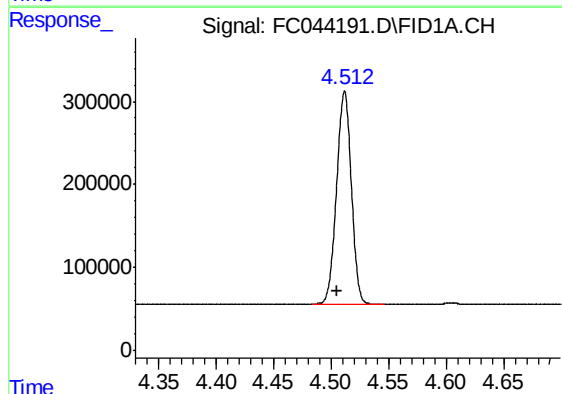
(m)=manual int.





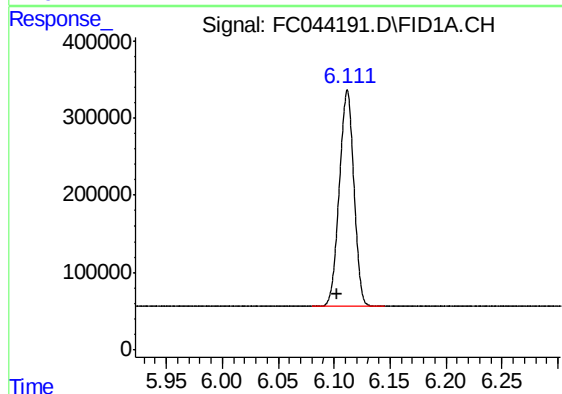
#1 n-Nonane (C9)

R.T.: 3.435 min  
Delta R.T.: 0.006 min  
Response: 2245897  
Conc: 20.39 ug/ml



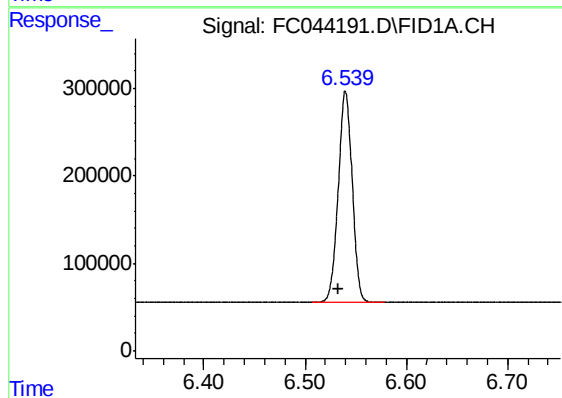
#2 n-Decane (C10)

R.T.: 4.512 min  
Delta R.T.: 0.006 min  
Response: 2282190  
Conc: 20.55 ug/ml



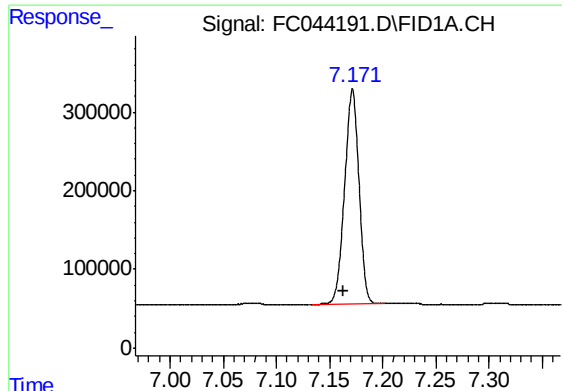
#3 A~Naphthalene (C11.7)

R.T.: 6.112 min  
Delta R.T.: 0.009 min  
Response: 2544503  
Conc: 20.45 ug/ml



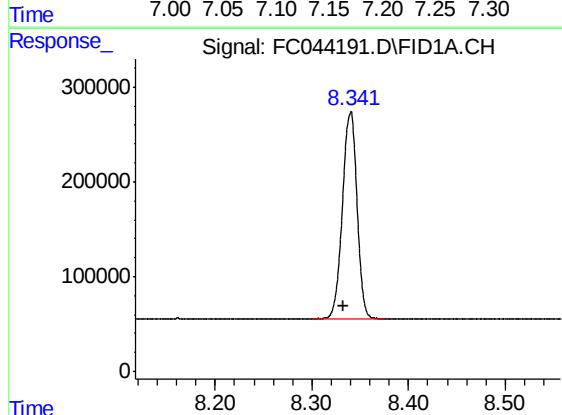
#4 n-Dodecane (C12)

R.T.: 6.540 min  
Delta R.T.: 0.007 min  
Response: 2307133  
Conc: 20.51 ug/ml



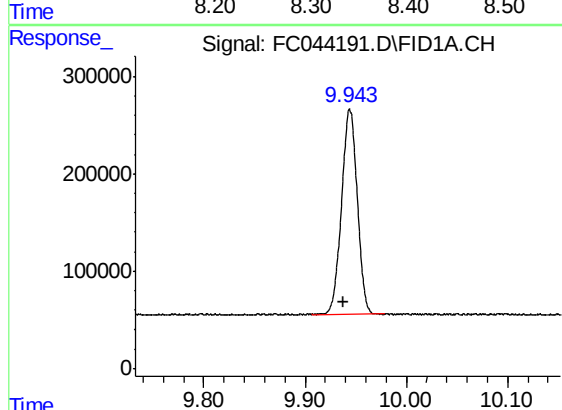
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.172 min  
Delta R.T.: 0.009 min  
Response: 2564022  
Conc: 20.33 ug/ml



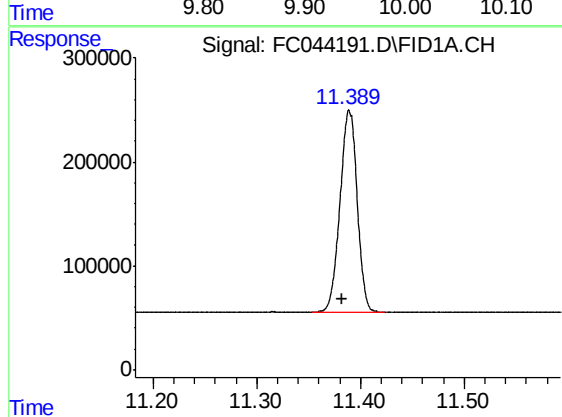
#6 n-Tetradecane (C14)

R.T.: 8.340 min  
Delta R.T.: 0.007 min  
Response: 2293705  
Conc: 20.27 ug/ml



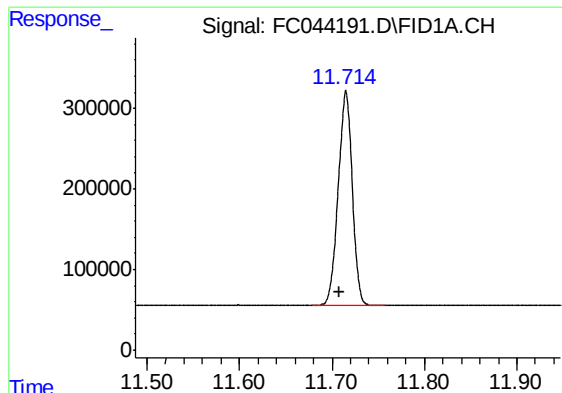
#7 n-Hexadecane (C16)

R.T.: 9.944 min  
Delta R.T.: 0.006 min  
Response: 2269570  
Conc: 19.86 ug/ml



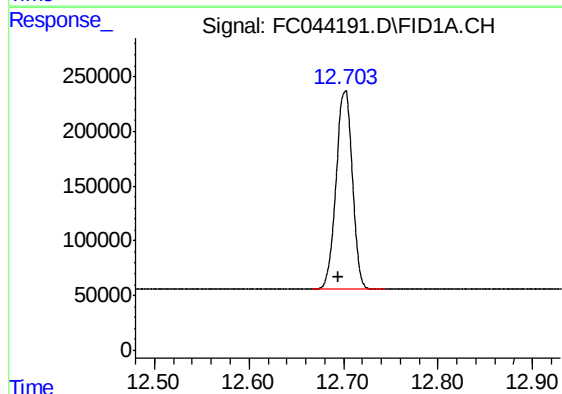
#8 n-Octadecane (C18)

R.T.: 11.389 min  
Delta R.T.: 0.007 min  
Response: 2229304  
Conc: 19.47 ug/ml



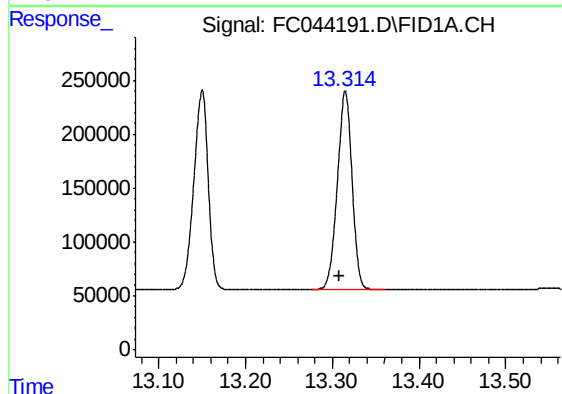
#9 ortho-Terphenyl (SURR)

R.T.: 11.715 min  
Delta R.T.: 0.006 min  
Response: 2804721  
Conc: 19.24 ug/ml



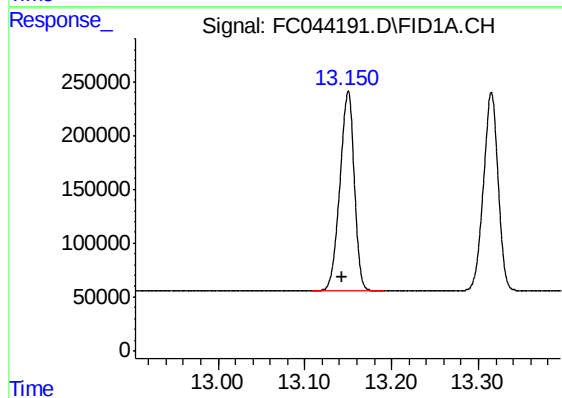
#10 n-Eicosane (C20)

R.T.: 12.702 min  
Delta R.T.: 0.007 min  
Response: 2171751  
Conc: 19.04 ug/ml



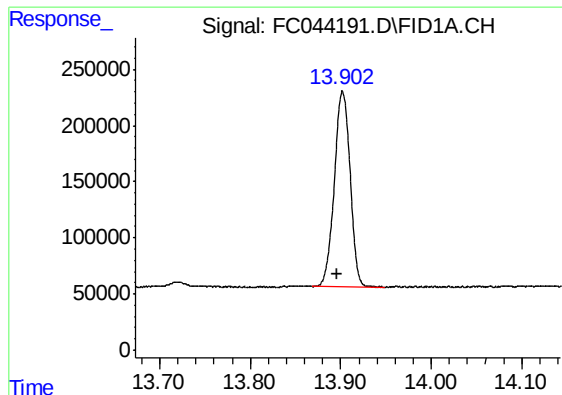
#11 n-Heneicosane (C21)

R.T.: 13.315 min  
Delta R.T.: 0.007 min  
Response: 2148465  
Conc: 18.73 ug/ml



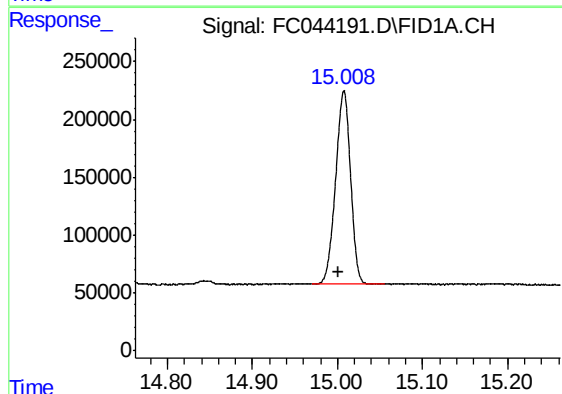
#12 1-chlorooctadecane (SURR)

R.T.: 13.150 min  
Delta R.T.: 0.008 min  
Response: 2124599  
Conc: 19.00 ug/ml



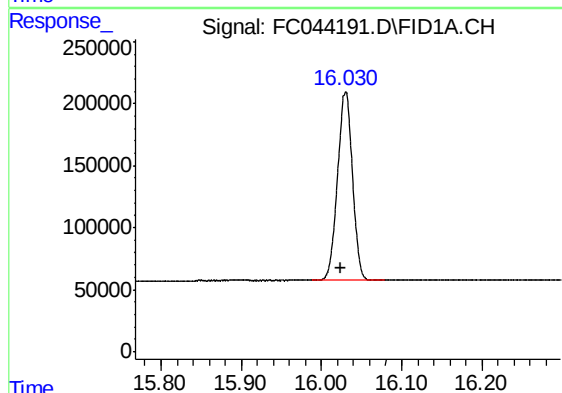
#13 n-Docosane (C22)

R.T.: 13.902 min  
Delta R.T.: 0.007 min  
Response: 2108660  
Conc: 18.57 ug/ml



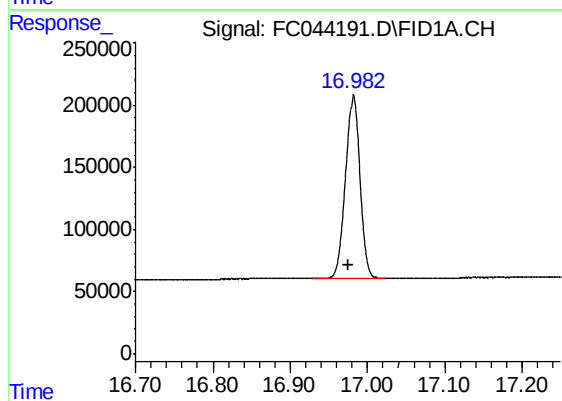
#14 n-Tetracosane (C24)

R.T.: 15.008 min  
Delta R.T.: 0.007 min  
Response: 2047822  
Conc: 18.11 ug/ml



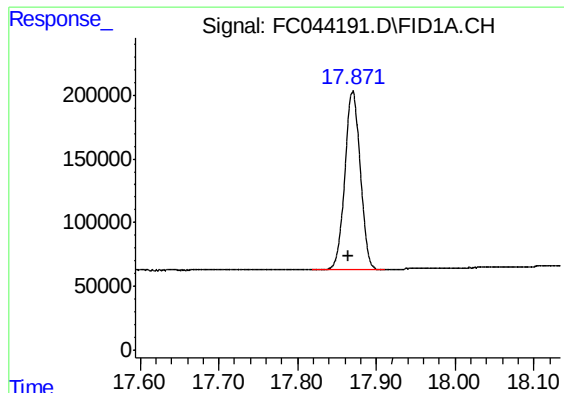
#15 n-Hexacosane (C26)

R.T.: 16.030 min  
Delta R.T.: 0.007 min  
Response: 1974900  
Conc: 17.85 ug/ml



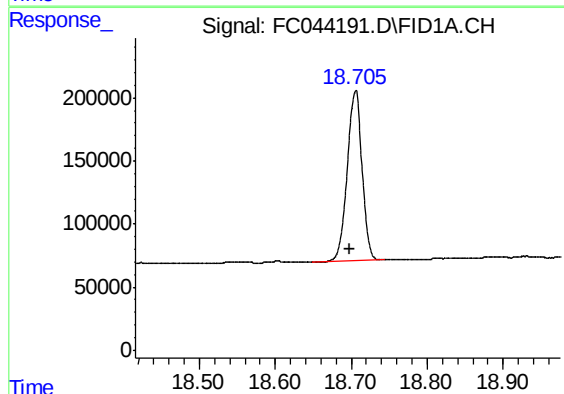
#16 n-Octacosane (C28)

R.T.: 16.982 min  
Delta R.T.: 0.008 min  
Response: 1925572  
Conc: 17.78 ug/ml



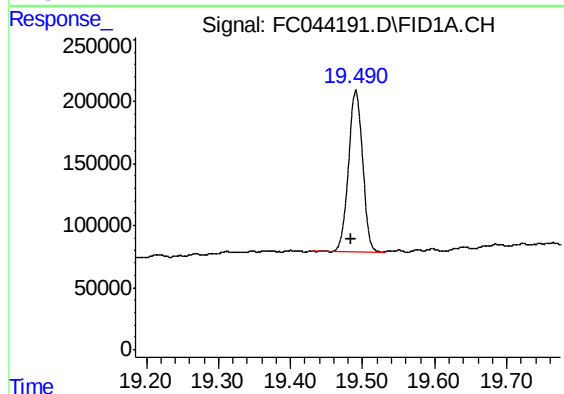
#17 n-Tricontane (C30)

R.T.: 17.870 min  
Delta R.T.: 0.006 min  
Response: 1905360  
Conc: 18.00 ug/ml



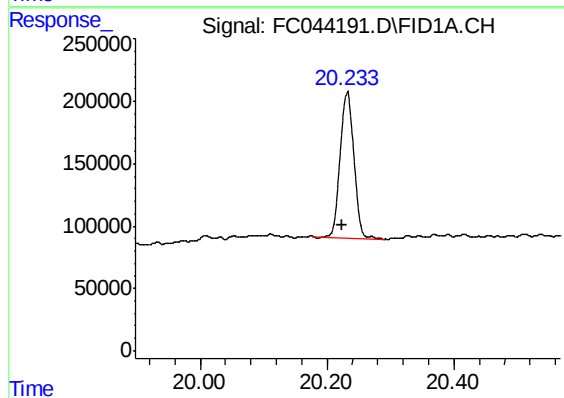
#18 n-Dotriacontane (C32)

R.T.: 18.706 min  
Delta R.T.: 0.007 min  
Response: 1825799  
Conc: 18.13 ug/ml



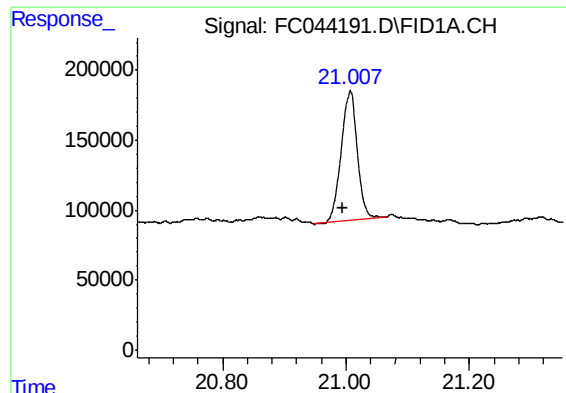
#19 n-Tetatriacontane (C34)

R.T.: 19.491 min  
Delta R.T.: 0.007 min  
Response: 1762239  
Conc: 18.79 ug/ml



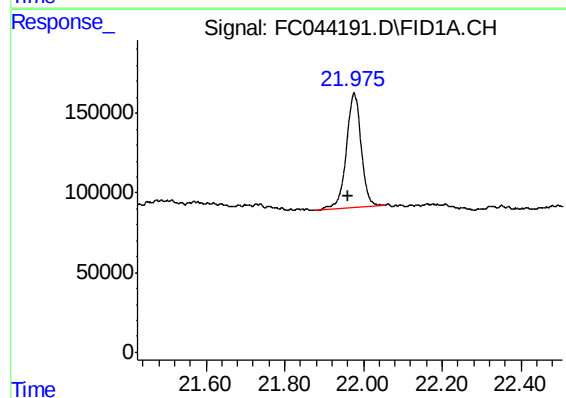
#20 n-Hexatriacontane (C36)

R.T.: 20.232 min  
Delta R.T.: 0.009 min  
Response: 1756954  
Conc: 20.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.007 min  
Delta R.T.: 0.013 min  
Response: 1663171  
Conc: 20.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.976 min  
Delta R.T.: 0.014 min  
Response: 1880807  
Conc: 22.25 ug/ml